Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021013.D
Acq On : 17 Jul 2024 07:42
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 08:12:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	214360	20.000	ng/ul	0.01
20) Naphthalene-d8	10.446	136	894881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	610781	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1315375	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1203979	20.000	ng/ul	0.00
88) Perylene-d12	24.851	264	1410005	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13331	2.830	ng/uL	0.01
4) Pyridine-d5	3.681	84	15062	1.104	ng/ul	0.03
7) Phenol-d5	6.905	99	311000	17.796	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	192248	18.152	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132	268080	18.618	ng/ul	0.01
15) 4-Methylphenol-d8	8.410	113	257179	17.718	ng/ul	0.02
21) Nitrobenzene-d5	8.840	128	132841	19.112	ng/ul	0.01
24) 2-Nitrophenol-d4	9.557	143	148789	18.703	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.093	165	278388	19.352	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	240314	12.610	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	896761	20.197	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	1013053	20.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	90606m	14.343	ng/ul	0.01
60) Fluorene-d10	15.322	176	797888	21.904	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	108782	13.668	ng/ul	0.00
73) Anthracene-d10	17.222	188	1276674	21.852	ng/ul	0.00
81) Pyrene-d10	19.604	212	1110603	14.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	761096	10.945	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.157	178	414480	6.074	ng/ul	99
74) Anthracene	17.257	178	79326	1.140	ng/ul	99
80) Fluoranthene	19.251	202	986753	10.977	ng/ul	100
82) Pyrene	19.633	202	590301	6.453	ng/ul	99
85) Benzo(a)anthracene	21.533	228	470721	5.581	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	267383	4.875	ng/ul#	99
87) Chrysene	21.598	228	492636	6.286	ng/ul	98
90) Benzo(b)fluoranthene	23.792	252	720945m	8.426	ng/ul	
91) Benzo(k)fluoranthene	23.863	252	237298	2.779	ng/ul#	96
93) Benzo(a)pyrene	24.674	252	190990	2.362	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	28.586	276	220615	2.117	ng/ul	96
95) Dibenzo(a,h)anthracene	28.627	278	94280	1.093	ng/ul#	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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